



Product Evaluation

WIN2254 | 1117

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2254

Effective Date: September 1, 2017

Re-evaluation Date: May 2021

Product Name: WV Clad Wood Twin Double Hung Windows, Non-impact Resistant

Manufacturer: Lincoln Wood Products, Inc.
1400 W. Taylor Street
Merrill, WI 54452
(715) 536-2461

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Twin Double Hung Windows w/Wide Rails & Concealed Jambliners	R-PG35 75 x 81-H	+35 / -35 psf
2	Twin Double Hung Windows w/Wide Rails & Concealed Jambliners; PG50 Upgrade	R-PG50 75 x 81-H	+50 / -50 psf
3	Twin Double Hung Windows w/Wide Rails & Standard Jambliners	R-PG35 75 x 81-H	+35 / -35 psf
4	Twin Double Hung Windows w/Narrow Rails & Standard Jambliners	R-PG35 75 x 81-H	+35 / -35 psf

Product Dimensions:

System	Overall Size	Upper Sash Size	Bottom Sash Size
1	74-3/4" x 80-1/2"	34-1/2" x 39-9/16"	34-1/2" x 39-11/16"
2	74-3/4" x 80-1/2"	34-1/2" x 39-9/16"	34-1/2" x 39-11/16"
3	74-3/4" x 80-1/2"	34-1/2" x 39-9/16"	34-1/2" x 39-11/16"
4	74-3/4" x 80-1/2"	34-1/2" x 39-9/16"	34-1/2" x 39-11/16"

Product Identification (Certification Agency Label on Window):

System		
1, 2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV DH w/Concealed Jambliner & Wide Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV DH w/Standard Jambliner & Wide Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450
4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	WV DH w/Standard Jambliner & Narrow Rails
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450

Impact Resistance:

System	Impact Resistant	Requirement
1 - 4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

Systems 1, 3, 4: Fasten the window to minimum Spruce-Pine-Fir dimension lumber using the applied nailing flange at the head, sill, and side jambs of the window frame. Secure the nailing flange to the wall framing with minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Space the fasteners approximately 5" from each corner and approximately 5" on center through the pre-punched slots. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing. The nailing fin is silicone sealed to the window frame.

System 2: Fasten the window to minimum Spruce-Pine-Fir dimension lumber using the applied nailing flange at the head, sill, and side jambs of the window frame. Secure the nailing flange to the wall framing with minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Space the fasteners approximately 5" from each corner and approximately 5" on center through the pre-punched slots. In addition, installation clips (galvanized steel, 20-gauge, 11" long x 1-1/2" wide) are required along the head and each frame side jamb. The installation clips are secured to the window frame with two No. 7 x 3/4" SS PH screws and are secured to the wall framing with two 8d smooth shank x 2-1/2" common wire nails. Space the clips approximately 3" from each corner and one at the check rail location. Two installation clips are required at the head and sill at the mullion spaced 3" each side of the mullion. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing. The nailing fin is silicone sealed to the window frame.

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, IBC, and the Texas Revisions.